

INDEX OF SCIENTIFIC NAMES

Names in bold indicate those of valid described species and putative unnamed species, both of which are found in the Indochinese (*i.e.*, Lao, Thai, Cambodian, and Vietnamese) Mekong; note that this is merely an index for this book, but is not the comprehensive list of fishes in the region. Names in plain (non-bold) font indicate synonyms, names of fishes not known from the Indochinese Mekong (including fishes with doubtful or erroneous records), and/or names of artificially introduced, non-establishing fishes in the region (*e.g.*, *Arapaima gigas*, see p. 41).

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Fishes of the Indochinese Mekong

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In 2006, Nagao Natural Environment Foundation (NEF), a Japanese non-governmental organization dedicated to promoting nature conservation in developing countries, launched a new scheme, "Comprehensive Programme for Conservation Research and Activities". The scheme, hereafter referred to as "NEF project", was originally planned as a five-year program (from April 2006 to March 2011), for promoting nature conservation together with local researchers/residents. For this scheme, the NEF targeted aquatic fauna and flora in the region of the Mekong and Chao Phraya basins; the official title for a series of activities under this scheme is "Basic Study on the Aquatic Fauna and Flora and Conservation Activities Participated in by Local Residents in the Mekong-Chao Phraya Region." More than 28 researchers belonging to seven institutions of four countries (Cambodia, Laos, Thailand, and Vietnam) were involved in the fish research in the NEF project. After that, the 2nd phase of the NEF project was undertaken in the same region until 2016.

This book was written as one of publications derived from outcomes of the NEF project, primarily aiming to aid in the identification of fish species commonly seen in the Indochinese Mekong. Species identification is the first step for every kind of field-oriented biological research. Diversification of the preferable guidebooks for regional fauna and flora will contribute to promoting various research and conservation activities.

This book contains 568 fish species found in fresh- and brackish-water areas of the Indochinese Mekong; fishes of the other areas surveyed in the NEF project (e.g., Chao Phraya Basin in Thailand) will be shown in our forthcoming publication(s). This book is actually not a comprehensive guide for the fishes of the Mekong, but it does include almost all of the species commonly seen in the region. Photographs of fishes shown in this book are based on the specimens collected by the participating researchers during field surveys of the NEF project, unless otherwise noted; namely, these fishes were actually collected from the inland waters of the Mekong. As noted above, all of these specimens are deposited in the participating institutions to make them available for future scientific studies. It is possible to make a re-confirmation based on the voucher specimen(s), if there is the need to confirm the identification. Fishes are shown with high quality photographs (sharply-defined photographs based on freshly-collected, well-dressed specimens) and some selected diagnostic characteristics that distinguish the species from resembling species; distribution, habitat, and some taxonomic issues are also noted in brief.

We hope that this book will contribute to various aspects of activities performed by researchers, students, fisheries officers, fishermen and all the others who are interested in the inland-water fishes in the Indochinese Mekong.



Nagao Natural Environment Foundation

4-20-9 Midori, Sumida-ku, Tokyo 130-0021, Japan

Tel: +81-3-6659-2070 Fax: +81-3-6659-2272 URL <http://www.nagaofoundation.or.jp/>